

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
 Data File : PD079323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 19:57
 Operator : AR\AJ
 Sample : 05043-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 22:21:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.570	2.806	28265691	42116387	17.507	18.191
2)	SA Decachlor...	9.116	7.953	19805354	24156174	9.873	9.910
Target Compounds							
2)	A alpha-BHC	4.057f	0.000	252863	0	0.095	N.D. #
3)	MA gamma-BHC...	0.000	3.648	0	324819	N.D.	0.096 #
5)	MB Aldrin	5.288	0.000	403273	0	0.157	N.D. #
6)	B beta-BHC	4.534f	0.000	232232	0	0.217	N.D. #
7)	B delta-BHC	4.798	0.000	889412	0	0.332	N.D. #
8)	B Heptachlo...	5.747f	0.000	1173955	0	0.501	N.D. #
9)	A Endosulfan I	6.087f	5.163f	422711	542270	0.195	0.205
10)	B gamma-Chl...	5.944f	0.000	764451	0	0.333	N.D. #
11)	B alpha-Chl...	6.087f	5.080	422711	1033014	0.185	0.360 #
12)	B 4,4'-DDE	6.202f	0.000	117542	0	0.056	N.D. #
13)	MA Dieldrin	6.392	0.000	372949	0	0.160	N.D. #
14)	MA Endrin	6.639f	5.688	303184	239243	0.156	0.093 #
15)	B Endosulfa...	6.856f	5.954	169807	263664	0.083	0.106 #
19)	B Endosulfa...	7.225f	6.345f	299127	1095987	0.150	0.469 #
20)	A Methoxychlor	7.558f	6.649	583691	97108	0.533	0.072 #
21)	B Endrin ke...	7.702f	0.000	170809	0	0.078	N.D. #
23)	Chlordane-1	0.000	3.822	0	618845	N.D.	7.125 #
24)	Chlordane-2	5.288f	0.000	403273	0	5.052	N.D. #
26)	Chlordane-4	6.087f	5.080	422711	1033014	1.138	4.210 #
27)	Chlordane-5	0.000	5.954f	0	263664	N.D.	2.646 #

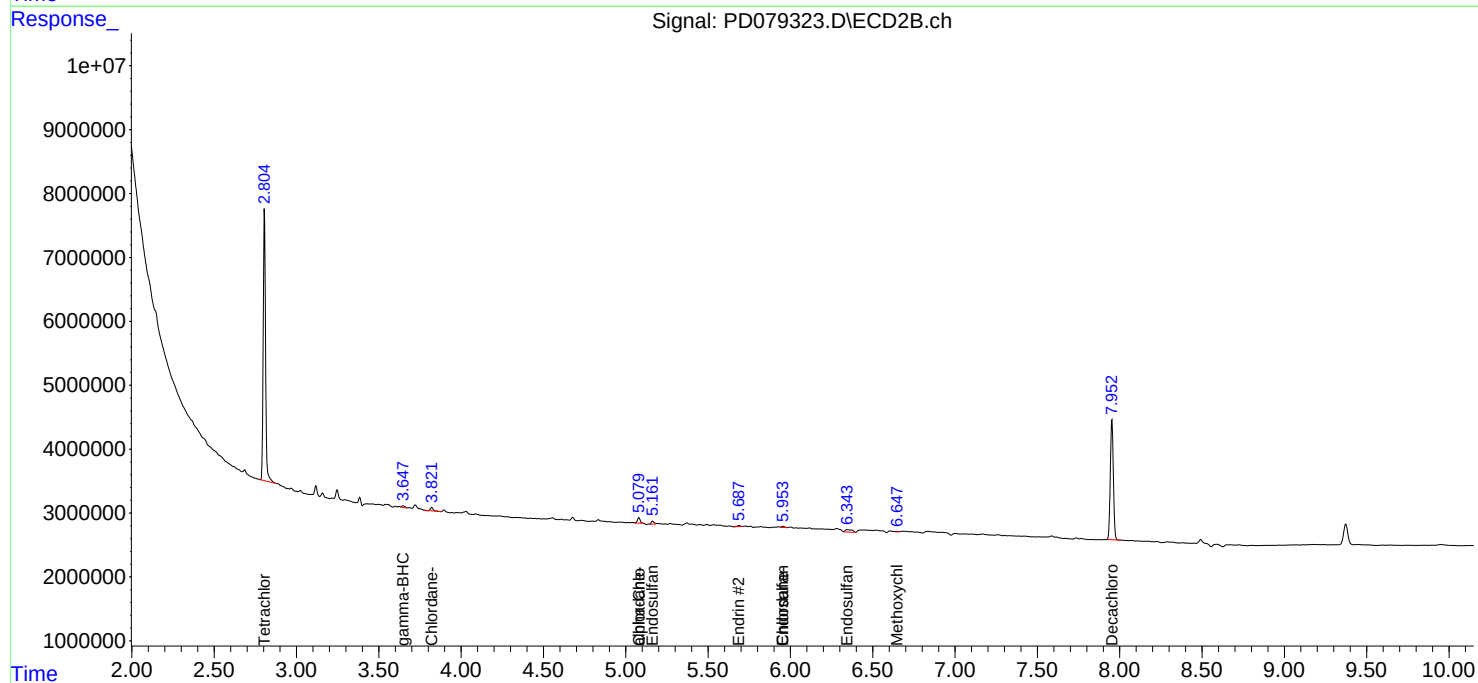
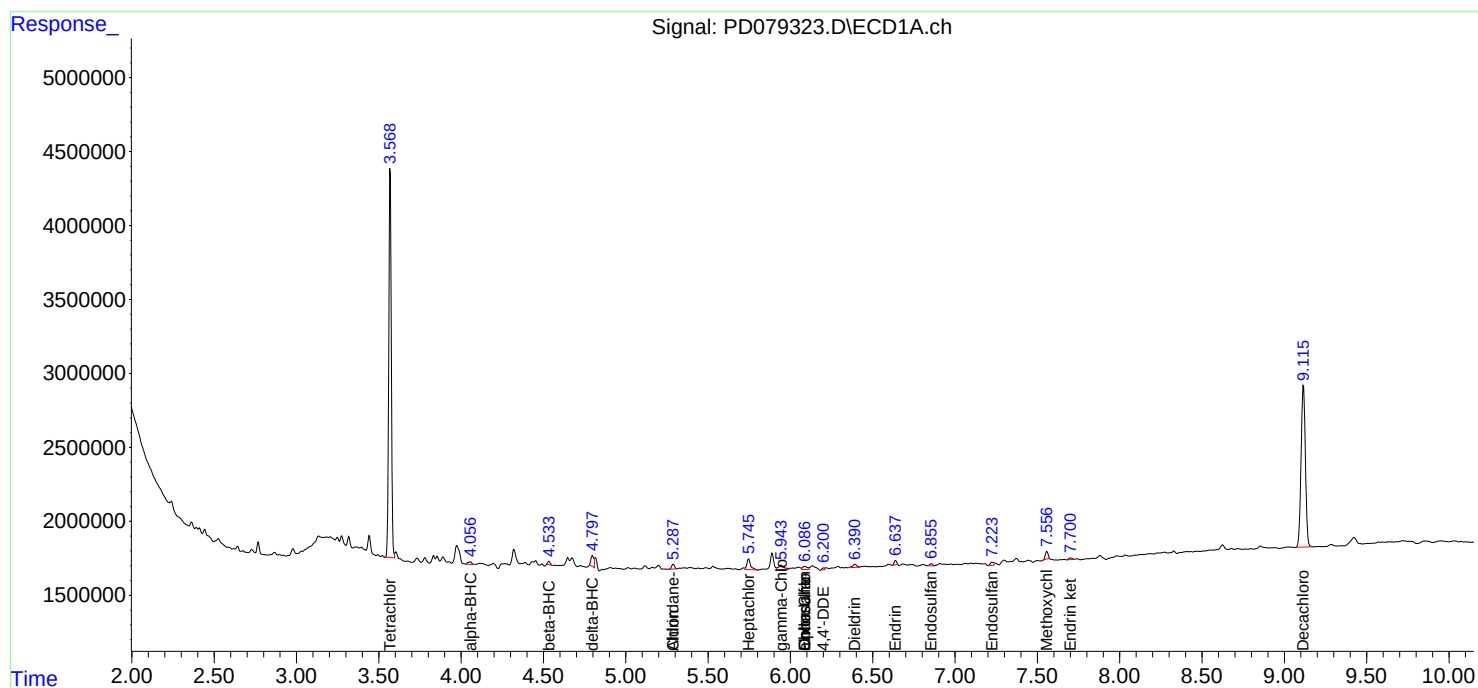
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

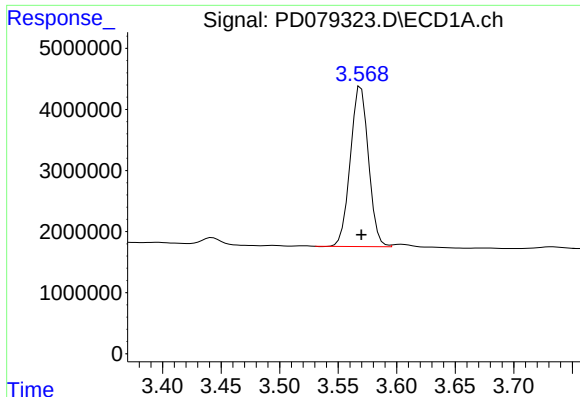
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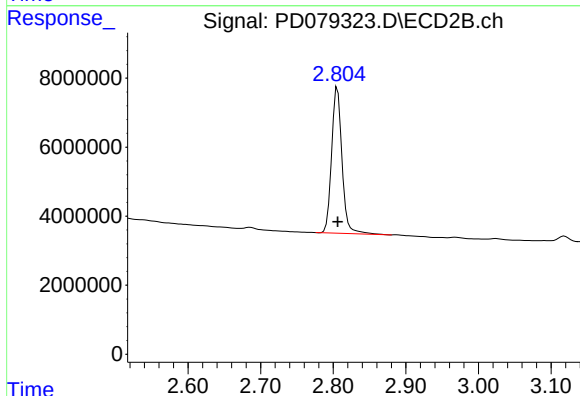




#1 Tetrachloro-m-xylene

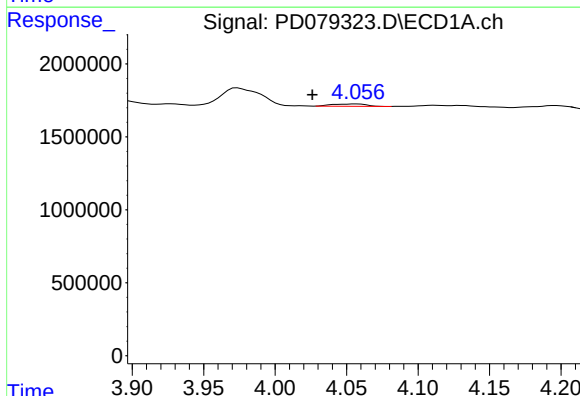
R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 28265691
Conc: 17.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



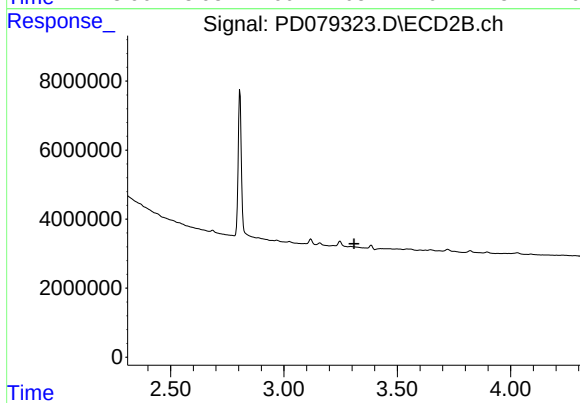
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 42116387
Conc: 18.19 ng/ml



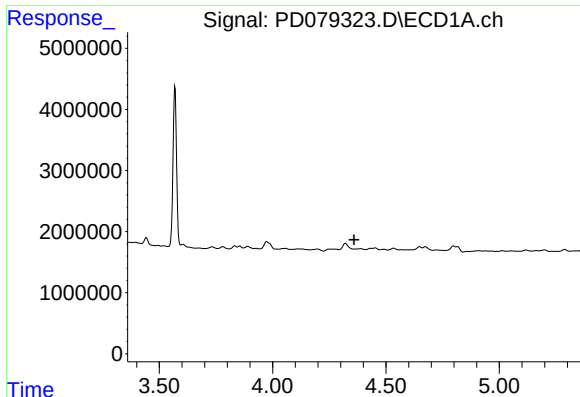
#2 alpha-BHC

R.T.: 4.057 min
Delta R.T.: 0.031 min
Response: 252863
Conc: 0.09 ng/ml



#2 alpha-BHC

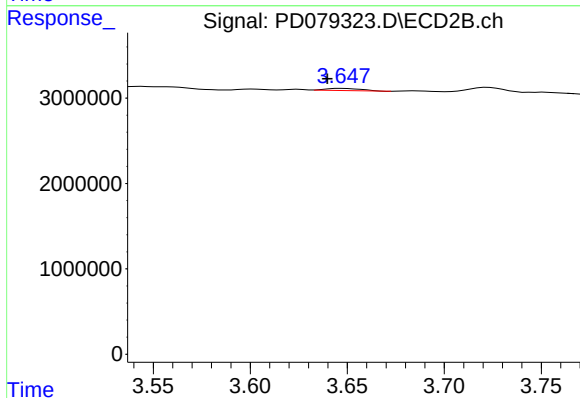
R.T.: 0.000 min
Exp R.T. : 3.310 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

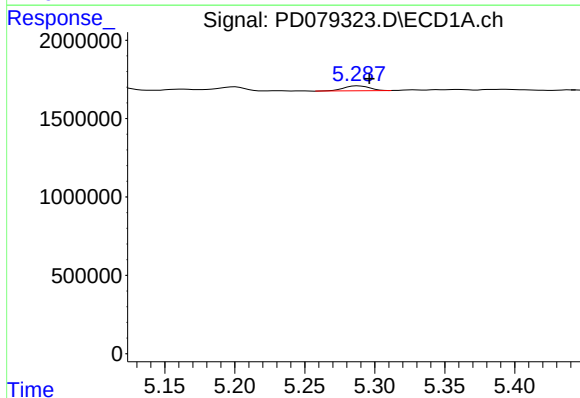
R.T.: 0.000 min
Exp R.T.: 4.359 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



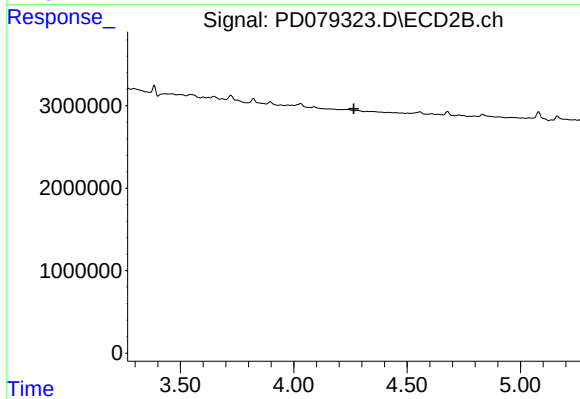
#3 gamma-BHC (Lindane)

R.T.: 3.648 min
Delta R.T.: 0.008 min
Response: 324819
Conc: 0.10 ng/ml



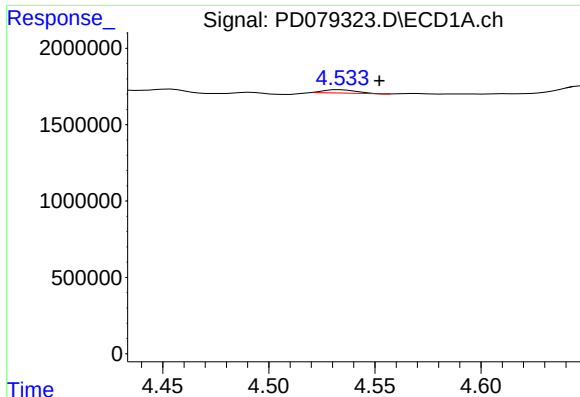
#5 Aldrin

R.T.: 5.288 min
Delta R.T.: -0.008 min
Response: 403273
Conc: 0.16 ng/ml



#5 Aldrin

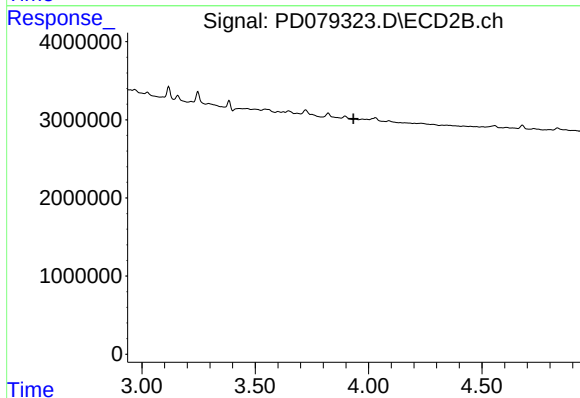
R.T.: 0.000 min
Exp R.T.: 4.264 min
Response: 0
Conc: N.D.



#6 beta-BHC

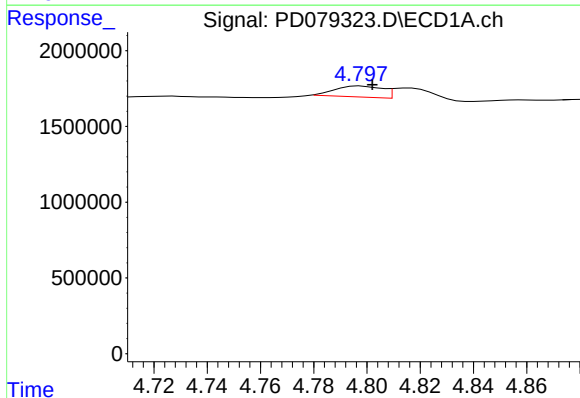
R.T.: 4.534 min
Delta R.T.: -0.019 min
Response: 232232
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



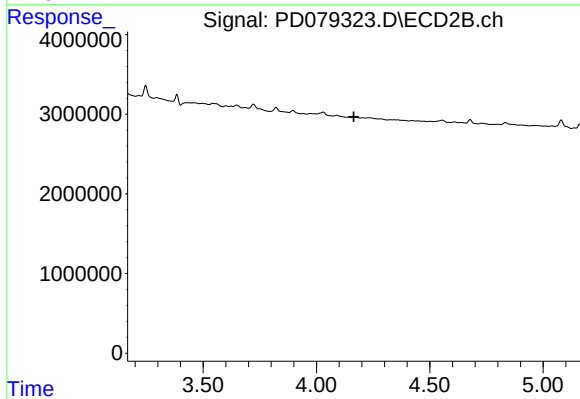
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 3.934 min
Response: 0
Conc: N.D.



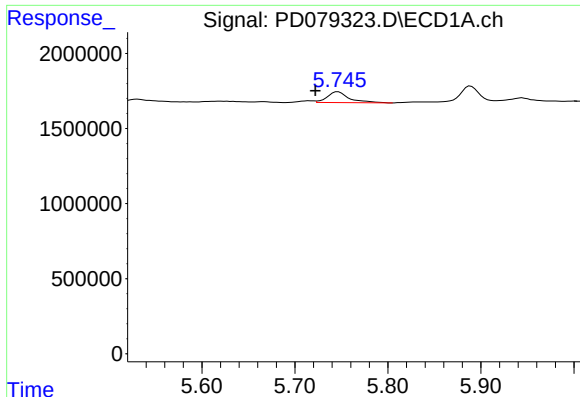
#7 delta-BHC

R.T.: 4.798 min
Delta R.T.: -0.004 min
Response: 889412
Conc: 0.33 ng/ml



#7 delta-BHC

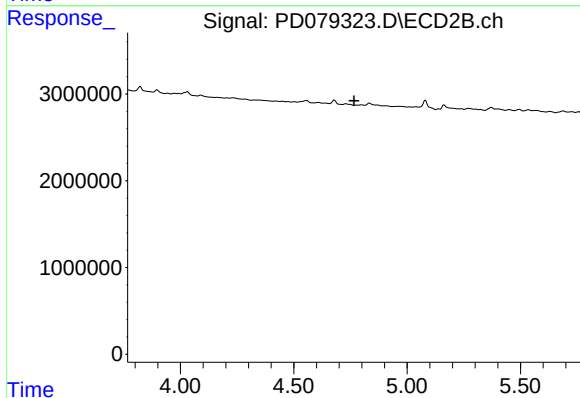
R.T.: 0.000 min
Exp R.T. : 4.165 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

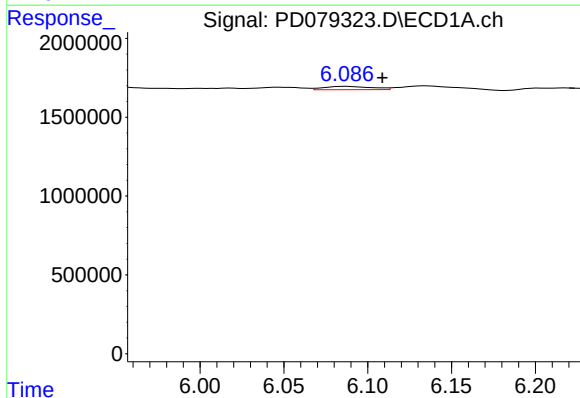
R.T.: 5.747 min
Delta R.T.: 0.024 min
Response: 1173955
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



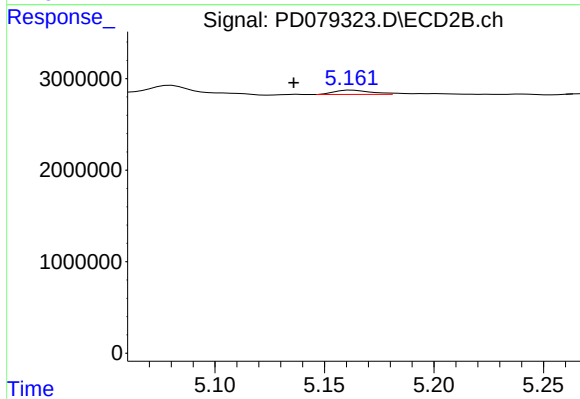
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.766 min
Response: 0
Conc: N.D.



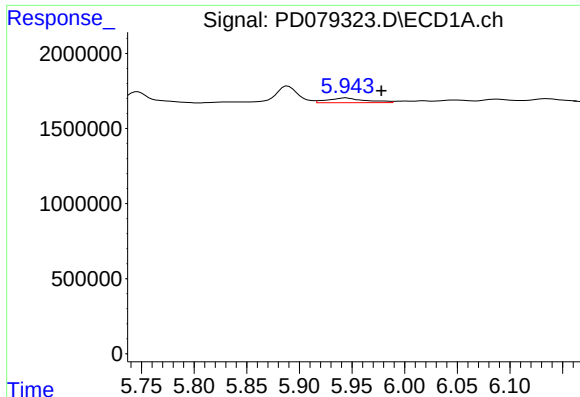
#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: -0.021 min
Response: 422711
Conc: 0.19 ng/ml



#9 Endosulfan I

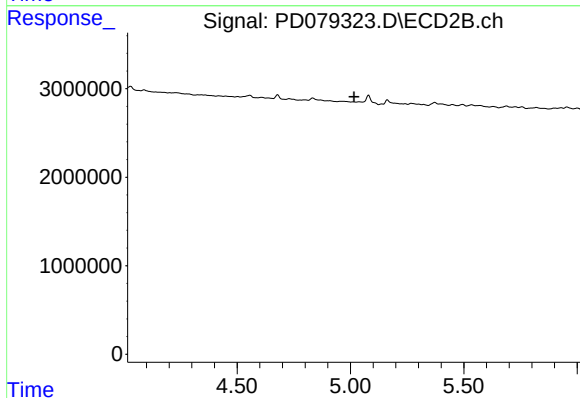
R.T.: 5.163 min
Delta R.T.: 0.027 min
Response: 542270
Conc: 0.20 ng/ml



#10 gamma-Chlordane

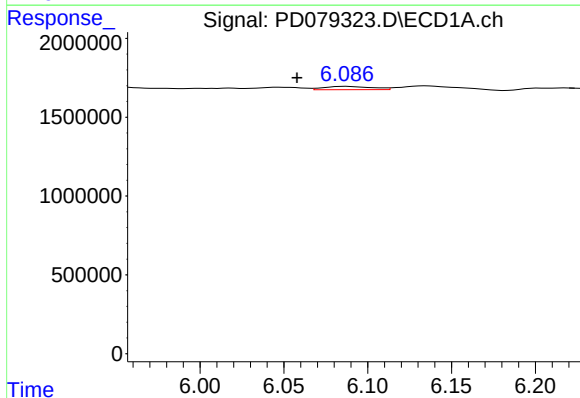
R.T.: 5.944 min
Delta R.T.: -0.033 min
Response: 764451
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



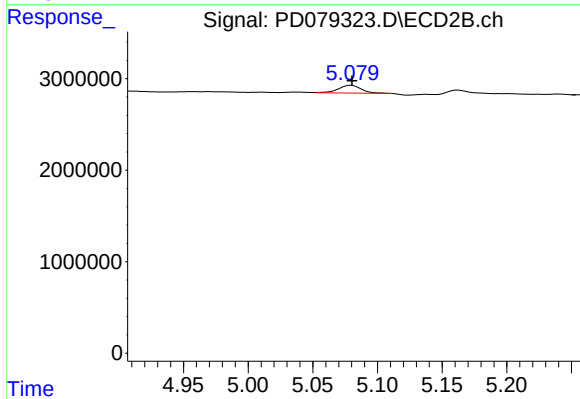
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.016 min
Response: 0
Conc: N.D.



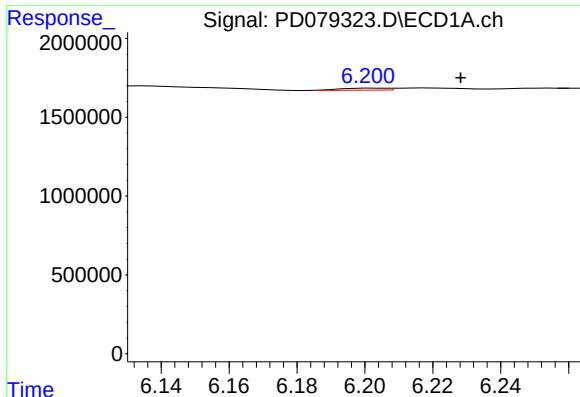
#11 alpha-Chlordane

R.T.: 6.087 min
Delta R.T.: 0.030 min
Response: 422711
Conc: 0.19 ng/ml



#11 alpha-Chlordane

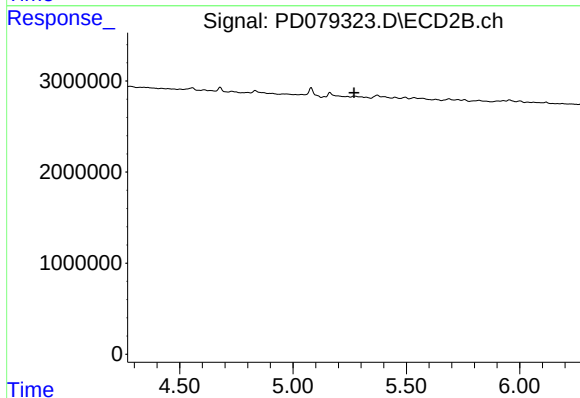
R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 1033014
Conc: 0.36 ng/ml



#12 4,4'-DDE

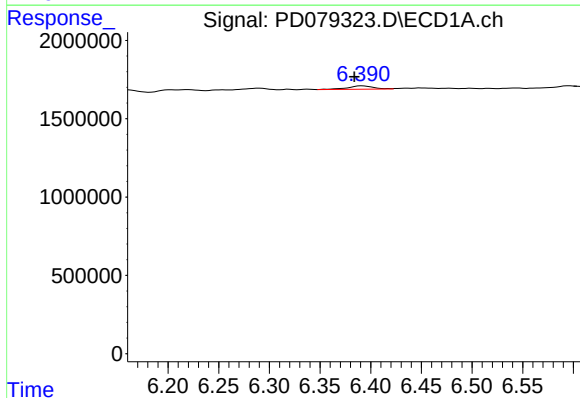
R.T.: 6.202 min
Delta R.T.: -0.026 min
Response: 117542
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



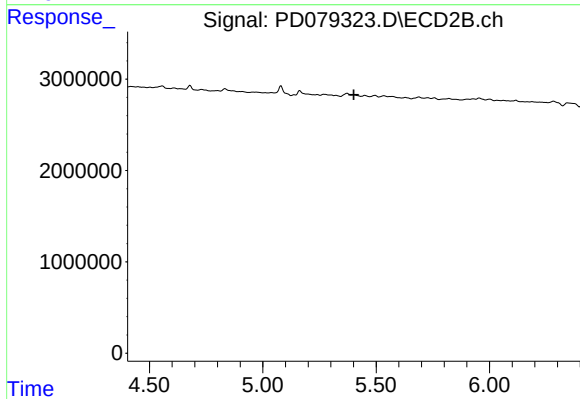
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.270 min
Response: 0
Conc: N.D.



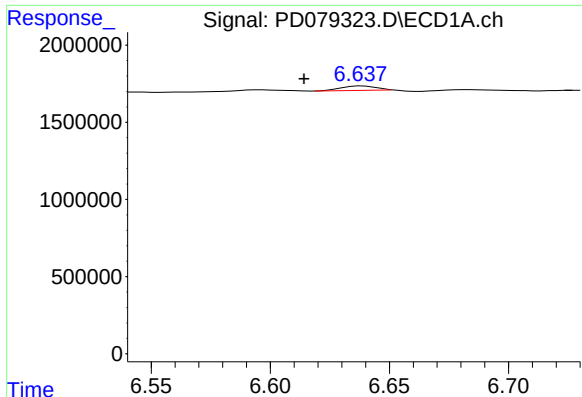
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: 0.008 min
Response: 372949
Conc: 0.16 ng/ml



#13 Dieldrin

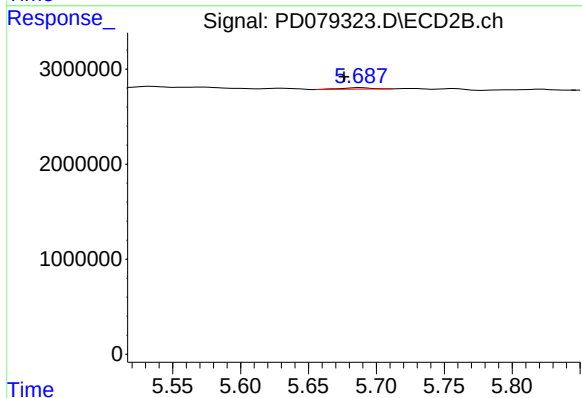
R.T.: 0.000 min
Exp R.T. : 5.401 min
Response: 0
Conc: N.D.



#14 Endrin

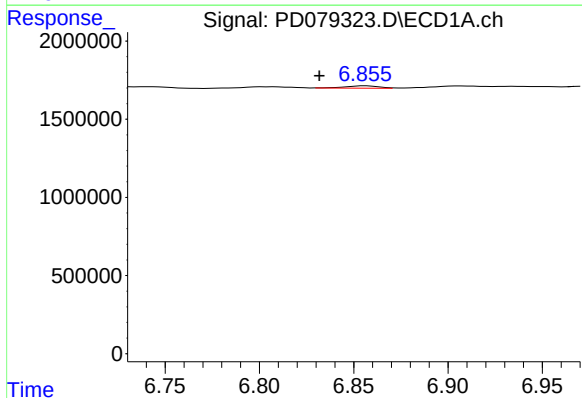
R.T.: 6.639 min
Delta R.T.: 0.025 min
Response: 303184
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



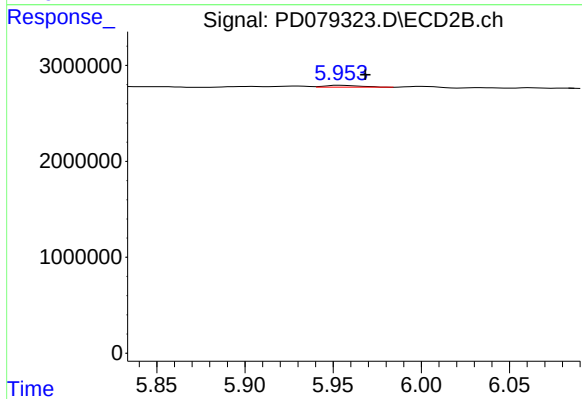
#14 Endrin

R.T.: 5.688 min
Delta R.T.: 0.012 min
Response: 239243
Conc: 0.09 ng/ml



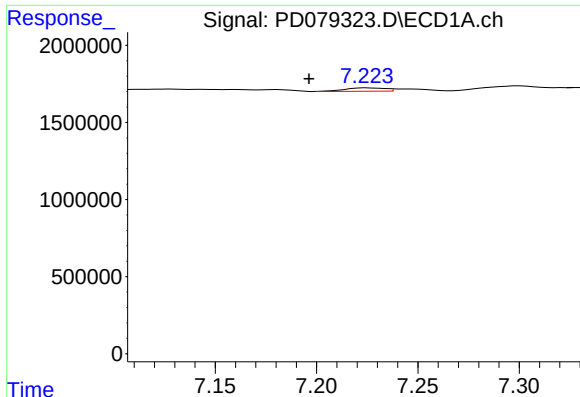
#15 Endosulfan II

R.T.: 6.856 min
Delta R.T.: 0.024 min
Response: 169807
Conc: 0.08 ng/ml



#15 Endosulfan II

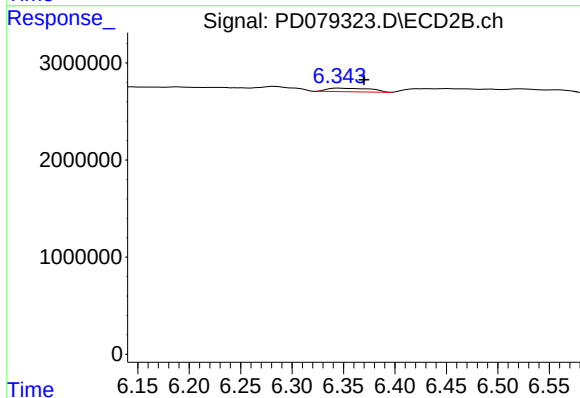
R.T.: 5.954 min
Delta R.T.: -0.014 min
Response: 263664
Conc: 0.11 ng/ml



#19 Endosulfan Sulfate

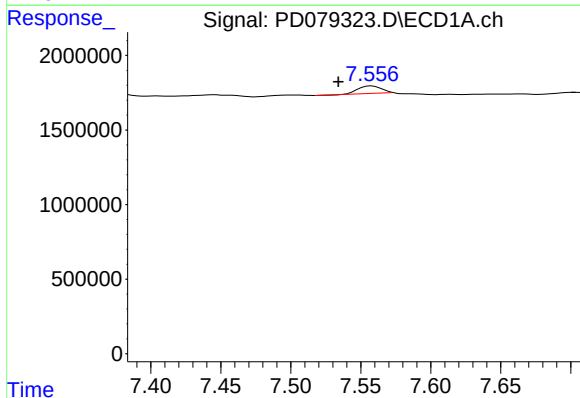
R.T.: 7.225 min
Delta R.T.: 0.029 min
Response: 299127
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



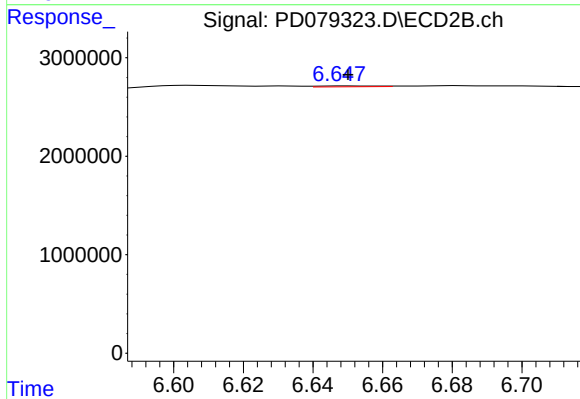
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: -0.025 min
Response: 1095987
Conc: 0.47 ng/ml



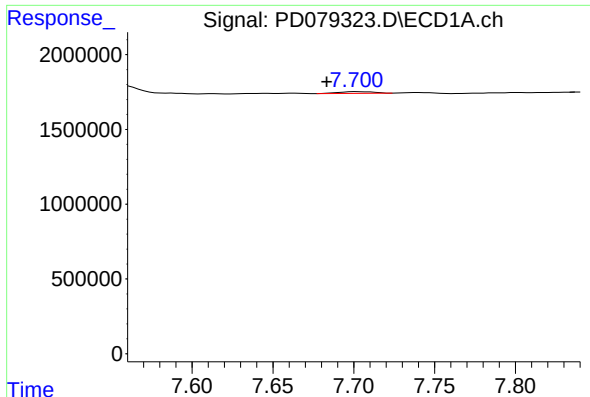
#20 Methoxychlor

R.T.: 7.558 min
Delta R.T.: 0.024 min
Response: 583691
Conc: 0.53 ng/ml



#20 Methoxychlor

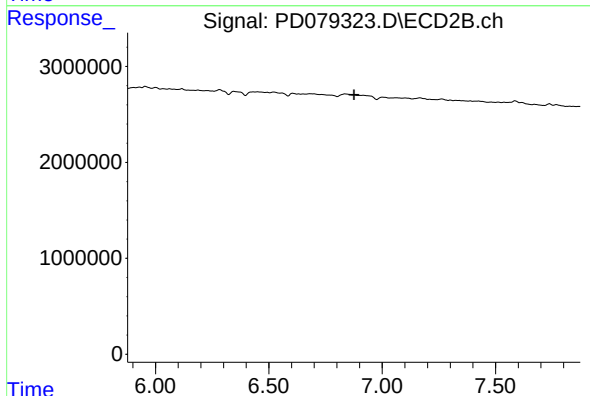
R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 97108
Conc: 0.07 ng/ml



#21 Endrin ketone

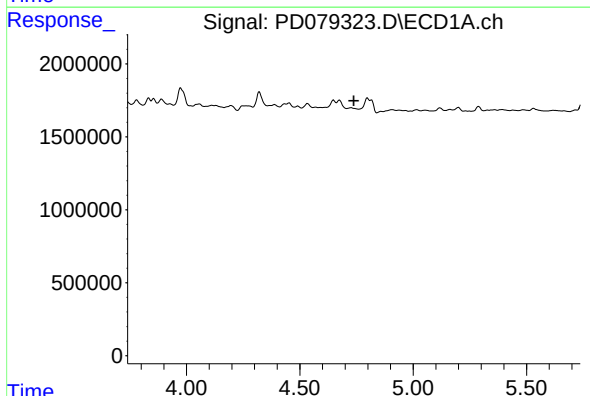
R.T.: 7.702 min
Delta R.T.: 0.019 min
Response: 170809
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



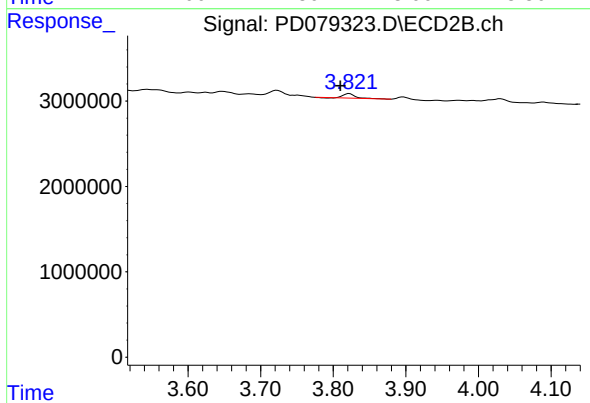
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.876 min
Response: 0
Conc: N.D.



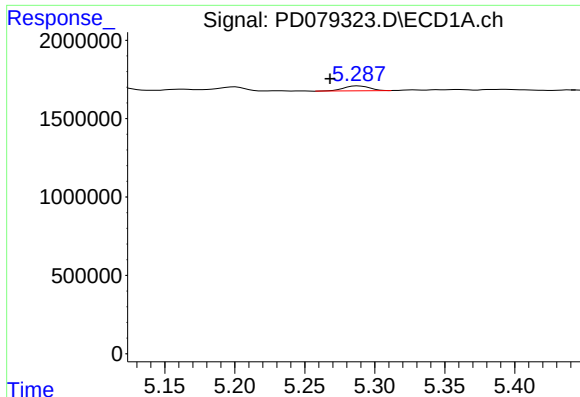
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#23 Chlordane-1

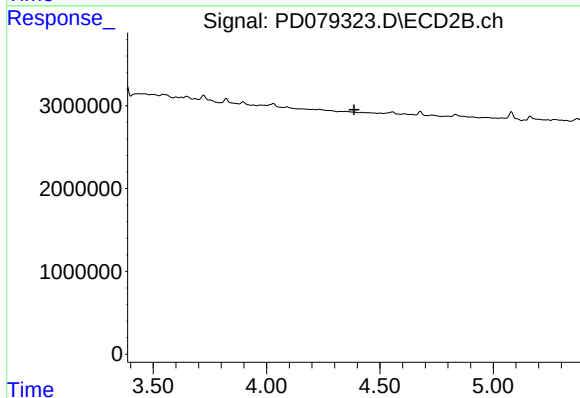
R.T.: 3.822 min
Delta R.T.: 0.013 min
Response: 618845
Conc: 7.13 ng/ml



#24 Chlordane-2

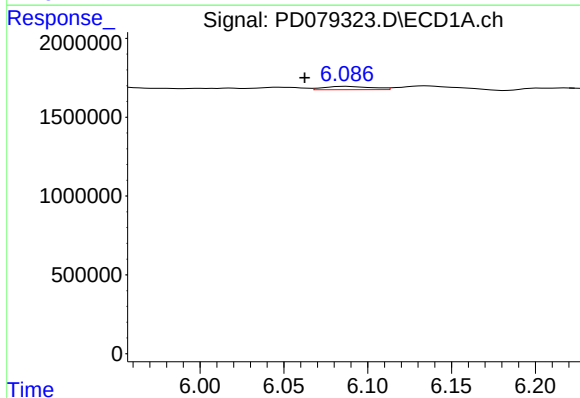
R.T.: 5.288 min
Delta R.T.: 0.020 min
Response: 403273
Conc: 5.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



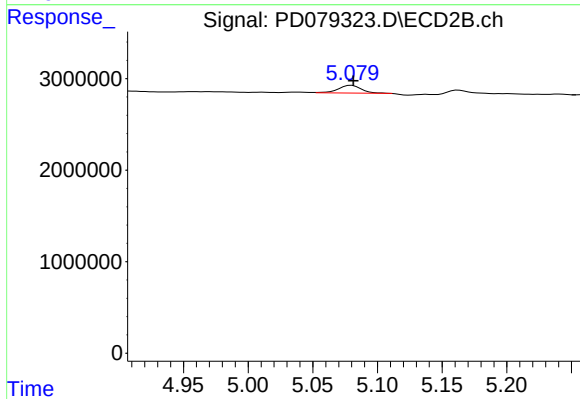
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.386 min
Response: 0
Conc: N.D.



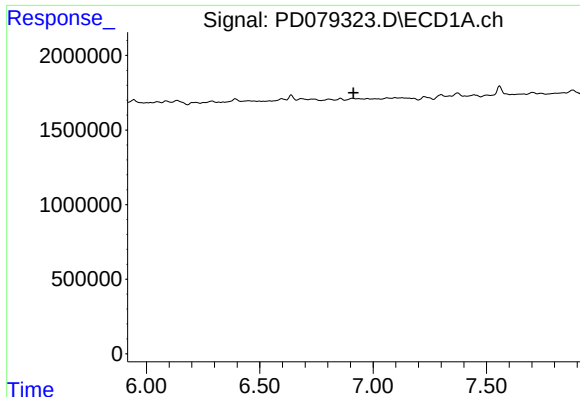
#26 Chlordane-4

R.T.: 6.087 min
Delta R.T.: 0.025 min
Response: 422711
Conc: 1.14 ng/ml



#26 Chlordane-4

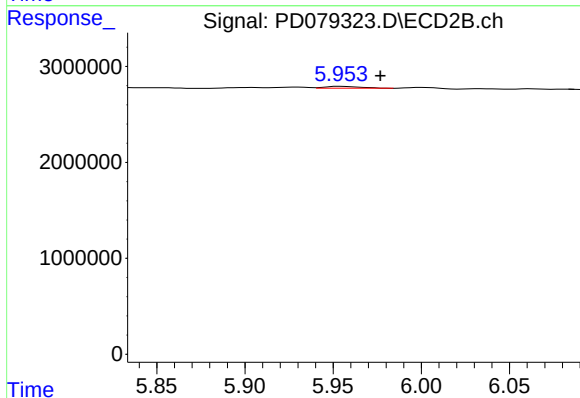
R.T.: 5.080 min
Delta R.T.: -0.001 min
Response: 1033014
Conc: 4.21 ng/ml



#27 Chlordane-5

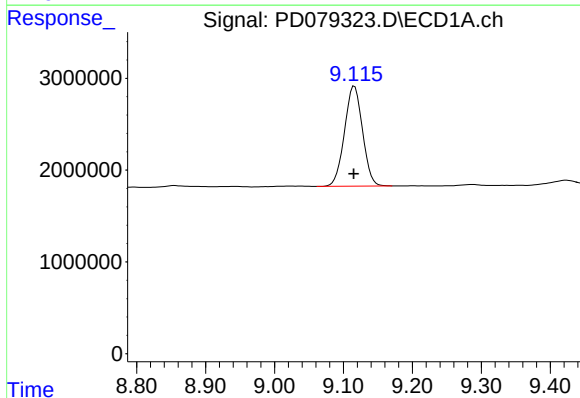
R.T.: 0.000 min
Exp R.T.: 6.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



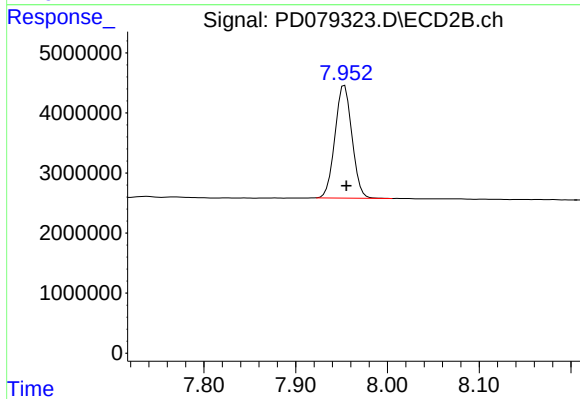
#27 Chlordane-5

R.T.: 5.954 min
Delta R.T.: -0.022 min
Response: 263664
Conc: 2.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 19805354
Conc: 9.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.953 min
Delta R.T.: -0.002 min
Response: 24156174
Conc: 9.91 ng/ml